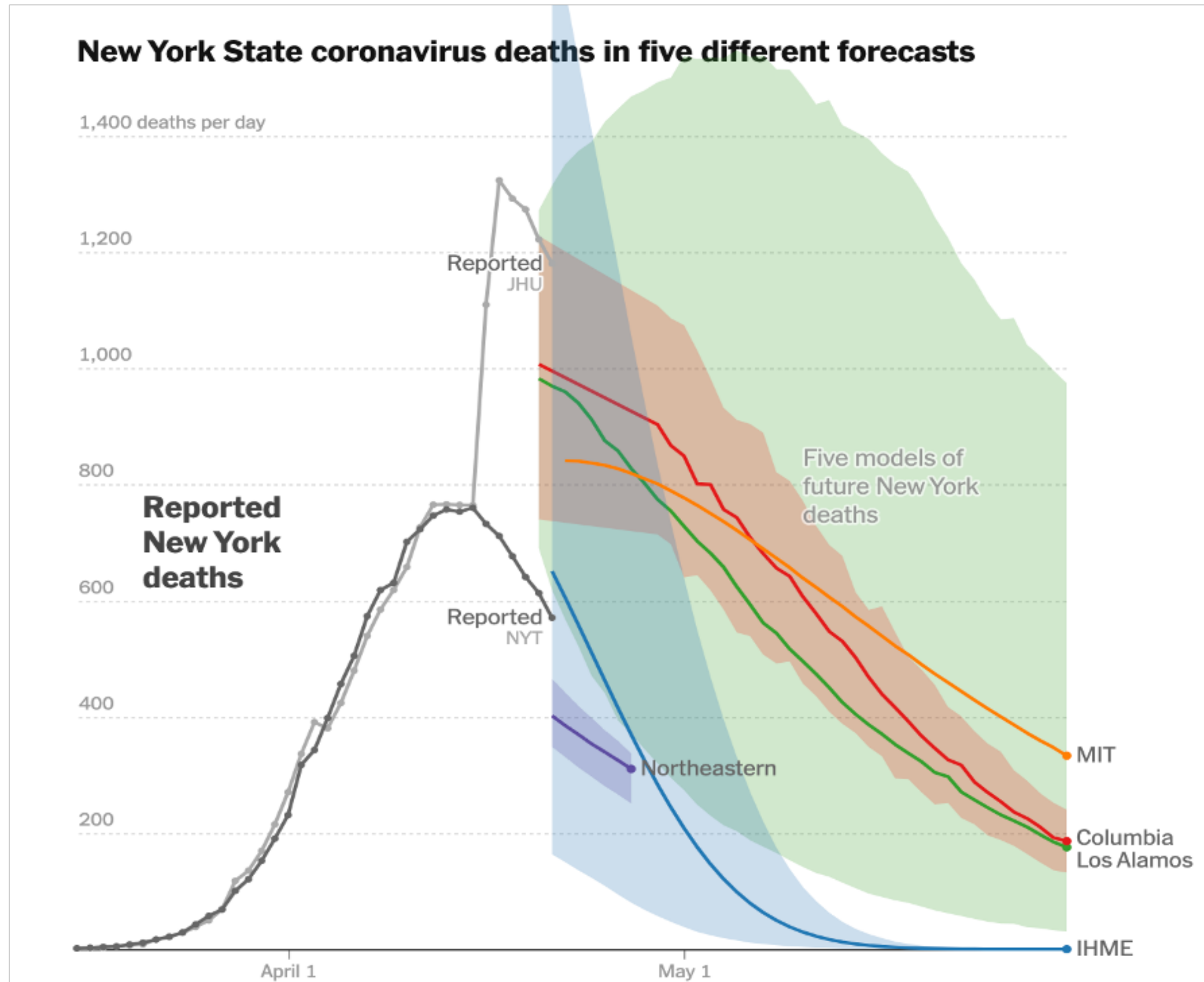


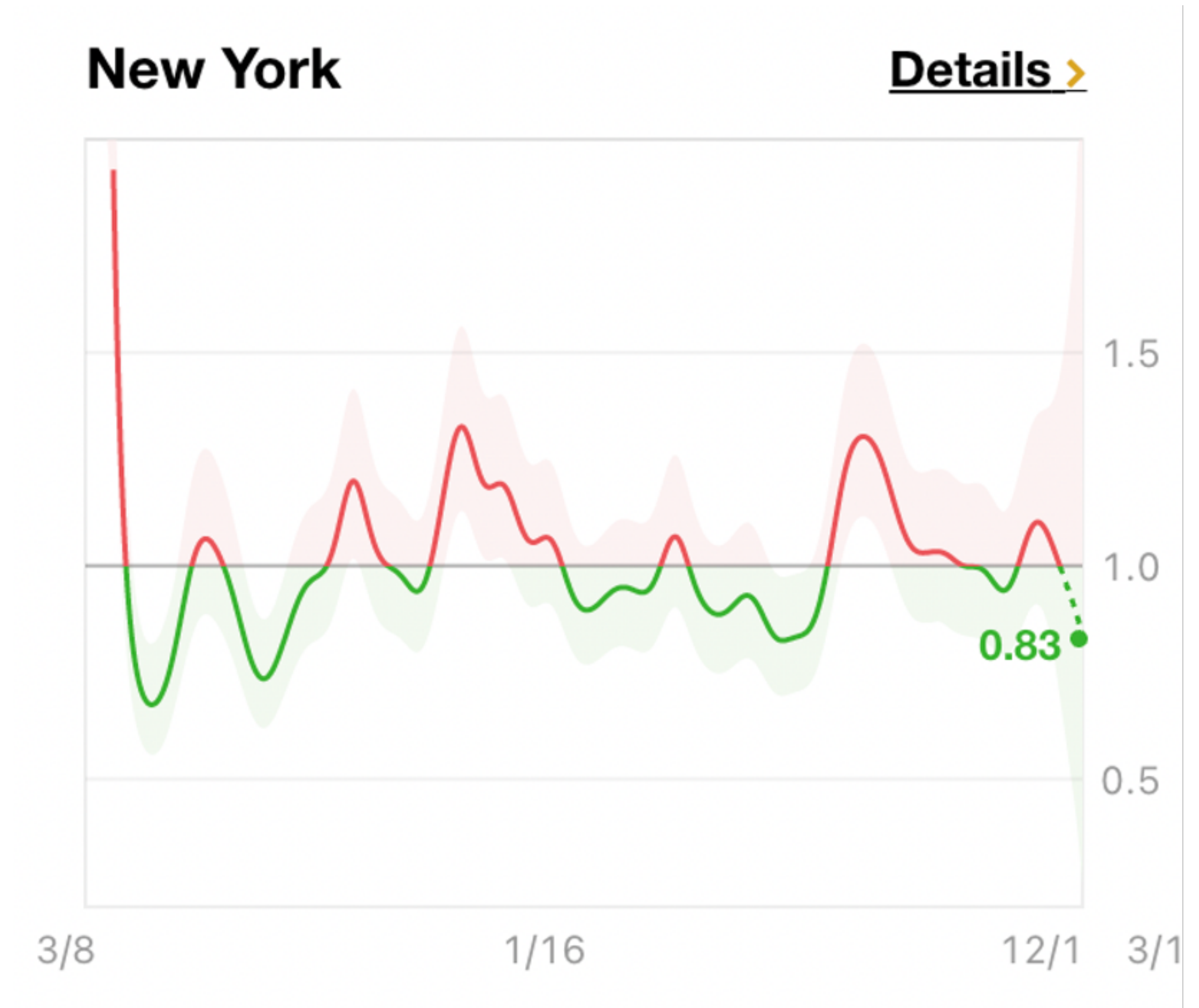
How have mathematical models been used during the COVID-19 pandemic?

Forecasting incidence



<https://www.nytimes.com/interactive/2020/04/22/upshot/coronavirus-models.html>

Estimating key transmission parameters



<https://www.epiestim.org>

We'll learn the machinery behind these models today!

Where did infectious disease models come from?